

APPENDIX B-2. Listing of brook trout populations and their genetic typing within the Catawba River basin (updated July 2004). Streams are listed in order of location in the drainage beginning at the lowest point and going upstream. Genetic typing is based on the diagnostic CK-A2 allele frequencies. "Southern" type, CK-A2 100 allele frequency = 1.000; "Northern" type, CK-A2 78 allele frequency = 1.000; "Mixed" type, CK-A2 100 allele frequency <1.000, but >0.000. Streams with the same letters are considered one single population. ND = No Data. NBKT = indicate streams that were sampled but no brook trout were found.

Stream	Sample size	Genetic type	CK-A2 allele frequency	
			100	78
Johns River				
(a)Frankum Creek	NBKT	ND	ND	ND
(a)Georges Creek	NBKT	ND	ND	ND
(b)Mills Creek	ND	ND	ND	ND
(b)Friddle Creek	NBKT	ND	ND	ND
Mulberry Creek	20	Mixed	0.50	0.50
Left Fork Mulberry Creek	20	Mixed	0.37	0.63
Unnamed tributary to Anthony Creek	17	Mixed	0.79	0.21
New Years Creek	23	Mixed	0.83	0.17
Wilson Creek				
North Harper Creek	13	Mixed	0.35	0.65
Sassafrass Creek	20	Northern	0.00	1.00
(c)Webb Creek	ND	ND	ND	ND
(c)Unnamed tributary to Webb Creek	11	Northern	0.00	1.00
(d)Gragg Prong	25	Mixed	0.08	0.92
(d)Major Branch	ND	ND	ND	ND
(d)Unnamed tributary to Major Branch	ND	ND	ND	ND
(d)Ling Branch	ND	ND	ND	ND
Bucks Timber Creek	20	Northern	0.00	1.00
Little Wilson Creek	18	Northern	0.00	1.00
(Big) Wilson Creek	20	Northern	0.00	1.00
Warrior Fork				
Timbered Branch	NBKT	ND	ND	ND
Cranberry Creek	25	Mixed	0.76	0.24
Buck Creek	20	Northern	0.00	1.00
Gingercake Creek	20	Mixed	0.64	0.36
Steels Creek	NBKT	ND	ND	ND
Unnamed tributary to Steels Creek	NBKT	ND	ND	ND
North Fork Catawba River				
Bee Rock Creek	20	Southern	1.000	0.000
Bad Fork	3	ND	ND	ND
Catawba River				
Mackey Creek	25	Southern	1.000	0.000
Newberry Creek	21	Mixed	0.675	0.325